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Claims:

What is claimed is:

1. A method of controlling a computer system, the method including:

receiving a plurality of input values from a plurality of fluid current sensors; and

using the input values and gradient values between the input values to control an action of the computer system.
2. A method according to claim 1, wherein the plurality of input values are stored in a data buffer.
3. A method according to claim 1, wherein the input values are compared with a predefined threshold value to determine the control of the computer system.
4. A method according to claim 1, wherein at least one gradient value is used to determined whether or not to switch between a Boolean input mode and a functional input mode.
5. A method according to claim 4, wherein the Boolean input mode includes one or more of the following computerized functions: single click; double click; right click and held click.
6. A method according to claim 4, wherein the functional input mode includes one or more of the following computerized functions: controlling movement of a pointer or cursor on a screen of a computer; implementing a scroll function on the screen of the computer and implementing a zoom function on the screen of the computer.
7. A method according to claim 1, wherein the input values are received from three fluid current sensors.
8. A method according to claim 7, wherein the plurality of input values are received from the three fluid current sensors, and are resolved into X and Y axes using the following equations:

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- $X = 0.866 (C - B)$
- $Y = A - 0.5 (B+C)$

9. A method according to claim 7, wherein computerized functions of single click, double click, right click and held click are input by a user transferring fluid current from one of the fluid current sensors to another.
10. A method of controlling a computer system, the method including:
 - sampling a plurality of fluid current sensors at predetermined intervals to obtain a plurality of input values from the fluid current sensors;
 - storing data representing the plurality of input values;
 - transmitting the data to a processor; and
 - using the plurality of input values and gradients between the plurality of input values to control an action of a computer system.